

SEQUENCE LISTING

<110> PERUSSE, Louis
BOUCHARD, Luigi
UNIVERSITE LAVAL

<120> OBESITY MARKERS AND USES THEREOF

<130> 6013-138PCT

<150> 60/490,535

<151> 2003-07-29

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 654

<212> DNA

<213> Artificial Sequence

<220>

<221> gene

<222> (1)...(654)

<223> Neuromedin cDNA

<400> 1

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ttaccttagg	cgagacttaa	ccgaatcttc	taaccgctgg	tgtgtttttg	ctgcacctcg	120
gaaaagctga	gggagcaggc	tttgccacca	cccagacacc	tttggtggctc	cttggtgacc	180
agcccatccc	cattggggac	agctccccac	acctccctga	gggaccagcg	actgcagggc	240
catccccgga	tcctgcatgg	gaggaattac	caccacgtac	tgtattaggg	tgtgacgcag	300
agctcaaagg	aggaacagtc	caaagaaagg	aagctgacct	tcccagtaga	ccccatgtga	360
ggacgctgac	actagcccag	caccaagcac	tgtatttgga	ttttcttcca	cgatcaatgg	420
caggatgccc	ctatctttat	caggagcccc	tccctggctc	aattcttctg	tatgtaatgg	480
ggcagacaca	acagcgtggc	ttagattgtg	cccacccagg	gaagggtgctg	aatggtgctg	540
aatgggaccc	tggtgatggc	cccatctgga	tgtaaactct	gagctcaaat	ctctataaaa	600
ccttgctctt	tacatacaat	gcctgggtcct	ctcctttcac	ccgtctttta	gggg	654

<210> 2

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)...(121)

<223> Neuromedin polypeptide

<400> 2

Met	Ala	Arg	Arg	Ala	Gly	Gly	Ala	Arg	Met	Phe	Gly	Ser	Leu	Leu	Leu
1				5				10					15		
Phe	Ala	Leu	Leu	Ala	Ala	Gly	Val	Ala	Pro	Leu	Ser	Trp	Asp	Leu	Pro
		20						25					30		
Glu	Pro	Arg	Ser	Arg	Ala	Ser	Lys	Ile	Arg	Val	His	Ser	Arg	Gly	Asn
	35						40					45			

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Leu Trp Ala Thr Gly His Phe Met Gly Lys Lys Ser Leu Glu Pro Ser
 50                      55                      60
Ser Pro Ser Pro Leu Gly Thr Ala Pro His Thr Ser Leu Arg Asp Gln
 65                      70                      75                      80
Arg Leu Gln Leu Ser His Asp Leu Leu Gly Ile Leu Leu Leu Lys Lys
      85                      90                      95
Ala Leu Gly Val Ser Leu Ser Arg Pro Ala Pro Gln Ile Gln Tyr Arg
      100                      105                      110
Arg Leu Leu Val Gln Ile Leu Gln Lys
      115                      120

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<210> 3
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> primer_bind
 <222> (1)...(18)
 <223> Neuromedin forward PCR primer

<400> 3
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18

<210> 4
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> primer_bind
 <222> (1)...(20)
 <223> Neuromedin reverse PCR primer

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20

<210> 5
 <211> 17
 <212> DNA
 <213> Artificial Sequence

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 <221> primer_bind
 <222> (1)...(17)
 <223> Neuromedin mini-sequencing primer

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17

<210> 6
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 <222> (1)...(19)

<223> Neuromedin mRNA quantification forward primer

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19

<210> 7

<211> 21

<212> DNA

<213> Artificial Sequence

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<221> primer_bind

<222> (1)...(21)

<223> Neuromedin mRNA quantification reverse primer

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21

<210> 8

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<221> primer_bind

<222> (1)...(20)

<223> L27 mRNA quantification forward primer

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gggcaagttc atgaaacctg

20

<210> 9

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<221> primer_bind

<222> (1)...(20)

<223> L27 mRNA quantification reverse primer

<400> 9

ccttgtgggc attagtgat

20